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BOROUGH OF DEAL.

PUBLIC HEALTH DEPARTMENT.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

for the Year 1957.

MINISTRY OF HEALTH

LONDON SCHOOL OF HYGIENE LIBRARY

Public Health Department,
43 Queen Street,
DEAL.

B O R O U G H O F D E A L.

PUBLIC HEALTH COMMITTEE.

CHAIRMAN

Ald. N.U. Cavell.

VICE CHAIRMAN

Cr. F.B. Page.

MEMBERS.

His Worship the Mayor, Cr. S.S. Dunn, J.P.

Alderman J.A. Tapping.
Cr. N.C. Blanch.
Cr. Capt. A.C. Chapman, C.B.E., R.N.
Cr. F.H. Collyer.
Cr. Mrs. V.H. Dadd.
Cr. P.A.W. Haffenden.
Cr. A. Jenkins.
Cr. Miss E.M. Macrae.
Cr. J.R. Monk.
Cr. Mrs. E.C. Potter.

PUBLIC HEALTH OFFICERS

Medical Officer of Health. (Acting).	J.A. Hanraty, M.B., B.S.
Senior Public Health Inspector.	W. Green, M.R.San.I,M.S.I.A.
Additional Public Health Inspectors.	G.N.S. Ingham. (Appointed January 1957).
	S.W. Swift. (Appointed January 1957).
Shorthand/Typist.	Miss M. Hudson. (Resigned September 1957).
	Mrs. A.E. Kerry. (Appointed September 1957).

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Public Health Department,

43, Queen Street,

DEAL.

To the Mayor, Aldermen and Councillors.

Mr. Mayor, Ladies and Gentlemen,

I beg to submit my fourth and last Annual report, for the year 1957. In the body of the report I have referred to the dysentery and poliomyelitis outbreak, which were the highlights of the year. At this stage, however, I must refer to the unflagging enthusiasm with which my staff faced the enormous amount of work involved in these investigations; and the ready co-operation of the local school authorities, my professional colleagues, the general practitioners, and, the Public Health Laboratory at Maidstone.

It is now known that my appointment as Acting Medical Officer of Health terminates on March 31st 1958, and I should like to take the opportunity of saying how much I have enjoyed my duties in the Department since September 1955. The friendliness and co-operation of all the members of the department; the assistance of the officers and staffs of the other departments; the helpful and patient consideration of the Members of the Public Health Committee; and the pleasant and intelligent attention of all the Members of the Council; have made these years pass happily and imperceptibly. My other duties are enough to occupy all my time, and from that view point the end of my Public Health duties will not come amiss, but my period with the Deal Corporation will have left a permanant and valuable addition to my life.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

Acting Medical Officer of Health.

TATISTICS AND SOCIAL CONDITIONS OF THE AREA.

REA.

The area of the Borough is 2,917 acres, exclusive of the foreshore. No alteration in the area has been made since the Kent eview Order, 1935.

OPULATION.

The total population for the mid year is	25,500
This shows an increase in the total population on last year's figure of ...	100
For calculating the Birth and Death Rates the population is taken as... ...	25,500
The number of inhabited dwellings at 31st March 1957...	7,897
Rateable Value on 31st March, 1957 was	£308,091. 0.0d.
The sum represented by a Penny Rate was	£1,214. 5. 7d.

ETEOROLOGY.

Details of meteorological observations are set out below:-

The hottest month was July, giving a mean maximum reading of 58°F, while the coldest month was February, with a mean minimum reading of 32°F.

The total rainfall for the year was 23.96inches, the heaviest amount falling in July viz 3·87 inches while during April the amount registered was only 0 · 28 inches, this being the driest month of the year.

The total hours of sunshine recorded for the year was 1693·7 the sunniest month being June with 288·4 hours, while November with a recording of 50·6 hours had the least sunshine.

DEAL PIER.

Deal has for long been known as a quiet and healthful holiday resort, with the simpler attractions such as fishing and boating to the fore. This year has seen the welcome return of Deal's Pier, in a pleasing modern structure, and it is expected that not only will the angling fraternity find increased scope, but also visitors and residents will enjoy the additional amenity. From a Public Health angle the pier itself is a great advantage, and it will bring additional interest to the Health problems of the district when the projected day trips to the Continent come into operation.

RECORD OF METEOROLOGY, 1957.

Month.	Average Thermometer Degrees Fahrenheit.		Total hours of sunshine	Rainfall in inches.	Ra Da
	Max.	Min.			
January.	46	38	70·3	1·91	1
February.	46	32	87·1	3·85	2
March.	53	44	134·0	1·07	1
April.	51	41	183·0	0·28	
May.	52	45	229·8	0·85	1
June.	66	52	288·4	0·57	
July.	68	57	185·6	3·87	1
August.	65	55	184·5	1·96	1
September.	60	50	117·5	3·10	2
October.	55	47	96·6	1·04	1
November.	46	41	50·6	4·21	1
December.	43	34	66·3	1·25	1
Totals:			1693·7	23·96	1

EXTRACTS FROM VITAL STATISTICS, 1957.

	1956	1957			England & Wales.
		Total	Male	Female	
LIVE BIRTHS.					
Legitimate.....	385	406	241	165	-
Illegitimate.....	18	21	10	11	-
Birth Rate per 1,000 of the residential pop...	15·9	16.74	-	-	-
Illegitimate births per 1,000 live births.....	44·7	49.18	-	-	-
Adjusted Birth Rate per 1,000 of the residential population.....	16·85	17.74	-	-	16.1
STILL BIRTHS.					
Legitimate.....	18	7	4	3	
Illegitimate.....	Nil.	Nil.	Nil.	Nil.	Nil.

	1956	1957			England & Wales
		Total	Male	Female	
Births.					
per 1,000 total s.	42.75	16.13	-	-	22.4
per 1,000 pf the ential pop. ..	0.7	0.27	-	-	-
S.					
all causes	291	269	144	125	-
death rate per of the resident- population	11.46	10.55	-	-	-
ted Death rate ,000 of the resid- l population ..	11.12	10.34	-	-	11.5
S FROM MATERNAL S.					
Pregnancy Child- and Abortion ..	Nil	Nil	Nil	Nil	-
per 1,000 Live and Births	Nil	Nil	Nil	Nil	0.47
S OF INFANTS 1 YEAR.					
GITIMATE	10	8	5	3	-
LEGITIMATE ..	1	-	-	-	-
S OF INFANTS 4 WEEKS.					
GITIMATE	6	5	3	2	-
LEGITIMATE ..	1	-	-	-	-
RATE OF ALL TS.					
,000 Live Births.	27.3	18.73	-	-	23.0
imate infants per legitimate s	25.97	19.7	-	-	-
itimate infants ,000 Illegitimate s	55.55	Nil	-	-	-
S FROM CANCER.					
ges	57	58	30	28	-
S FROM MEASLES.					
ges	Nil	Nil	Nil	Nil	-
S FROM WHOOPING .					
ges	Nil	Nil	Nil	Nil	-

Set out below are the certified causes of deaths in the Borough during 1957.

	Causes of Death.	Male	Female
1.	Tuberculosis, Respiratory	2	-
2.	Tuberculosis, other	-	-
3.	Syphilitic Diseases	-	-
4.	Diphtheria	-	-
5.	Whooping Cough	-	-
6.	Meningococcal Infections	1	1
7.	Acute Poliomyelitis	-	-
8.	Measles	-	-
9.	Other infective and parasitic diseases	-	-
10.	Malignant Neoplasms, Stomach	7	2
11.	Malignant Neoplasms, Lung Bronchus	6	3
12.	Malignant Neoplasms, Breast	-	6
13.	Malignant Neoplasms, Uterus	-	1
14.	Other Malignant and Lymphatic Neoplasms ..	17	16
15.	Leukoemia, Aleukaemia	-	1
16.	Diabetes	-	1
17.	Vascular lesions of the nervous system	21	24
18.	Coronary Disease, Angina	27	16
19.	Hypertensions with heart disease	1	3
20.	Other heart diseases	13	14
21.	Other circulatory diseases	8	14
22.	Influenza	3	-
23.	Pneumonia	2	3
24.	Bronchitis	8	-
25.	Other diseases of respiratory system	4	2
26.	Ulcer of stomach and duodenum	1	1
27.	Gastritis, Enteritis and Diarrhoea	2	-
28.	Nephritis and Nephrosis	3	3
29.	Hyperplasia of prostrate	1	-
30.	Pregnancy, Childbirth, Abortion	-	-
31.	Congenital malformations	2	1
32.	Other defined and ill-defined diseases	9	7
33.	Motor Vehicle Accidents	1	-
34.	All other accidents	2	3
35.	Suicides	3	2
36.	Homicide and operations of War	-	1
	All causes	144	125

STATISTICS.

Estimated population.	25,500
Number of houses	7,897
Area	2,917 Acres.
Population Density	8.7 per acre.
	3.22 per house

blic Health Staff.

The two additional inspectors required to bring the Establishment to strength, commenced their duties in January. Our charming ist left us for the joys of connubial bliss in September - an nt which is a hardy annual in the Department. Still vacant is the st of Pupil, a post which I hope will in due course be filled, so t the Borough may add its mite to the nation's attempt to solve the blem of the shortage of Public Health Inspectors. Full strength has n a desirable increase in the amount of preventive work done by the partment, although there is always room for a greater amount of this e of work, which is the true purpose of a Public Health Department.

BORATORY FACILITIES.

The County Laboratory at Maidstone under the general direction of A. Elliott, M.D. D.P.H., was re-organised as a Public Health oratory during the year under Dr. J.H.C. Walker. The service roughout the year remained exemplary, and I should like to record my titude.

cal Ambulance Facilities.

Here again nothing but praise can be said of this service. The ulance Station situated at Mill Hill, Deal, and directed under the tional Health Scheme, has always performed its duties most promptly.

The vehicles are fitted with radio communication sets, which ve much added promptness required in this work.

I commend to you the staff and work of this service which I feel uld not be bettered.

RSING IN THE HOME.

This service is directed by the Kent County Council and we are rved as before by three general nurses working in their own allocated eas in the Borough. All the nurses are on the telephone and I have t received one complaint but many words of praise for the work of ese women.

DWIVES.

Three midwives are allocated to specific areas in the town and rform their duties admirably. The tendency to seek admission to the ternity Unit at Buckland Hospital, Dover, continues but their mitation of space and their consequent preference for first or com- icated cases has curbed the expected drop in the number of confine- nts at home. The liaison between these Nurses, the Hospital, the bulance Service and the Doctors is first class so that the community well served by these arrangements.

LINIC AND TREATMENT CENTRES.

Here again, these are directed by large authorities - i.e. the nt County Council, the Victoria Hospital, and the Kent Education thority. The Kent County Council direct the Mother and Child Welfare, te-Natal, Birth Control and Tuberculosis Clinics, whilst the Kent ucation Authority provides a central clinic for school children, deal- g with minor ailments, mental troubles and speech therapy. Other eatment centres are placed under the specialists arranged at the local spital.

I append herewith statistics relating to the Child Welfare and te Natal Clinics:-

Cont'd.....

Child Welfare Centres.

No. of individual children under one year who attended during the year 355

No. of children between one and five years who attended during the year 592

Total attendances during the year 7431

Ante-Natal Clinic.

No. of expectant mothers who attended during the year 12

Total number of attendances 28

In addition there were 404 attendances at the Relaxation and Motherhood classes held at the Clinic.

Persons in Need of Care.

During the year it was necessary to obtain a magistrates' Order f one aged person to be removed to a chronic sick hospital, and altogeth 15 other old people on the border line and several problem families have taken continued interest and much time.

HOSPITALS.

Infectious Diseases.

The admission of infectious disease cases to hospital is catered for by our arrangements with the Dover Isolation Hospital, Tower Hamlets, and I have to thank Dr. Lynch and his staff for the helpful and prompt attention to our cases.

Surgical and Medical.

The Victoria Hospital, Deal, is a clear example of the value of a General Practitioner's Hospital with a good Consultant Staff. Medica and nursing care is excellent, and the Hospital has a well-deserved reputation. It is expected that there will be a considerable re-arrangement of the Out Patient's and Casualty Departments - an improv ment which is long awaited.

HEALTH VISITORS.

These nurses are under the direction of the Kent County Council a several are employed in the Borough attending clinics and general health visiting duties.

DIPHTHERIA IMMUNISATION.

This service is available at School Clinics, and children's clini and from the local doctors. Many parents fail to take advantage of t inoculations available for their children, but in general in Kent, th percentage of children protected, although below the ideal figure, is better than the nation's percentage. I suppose that the strides made controlling this dreadful disease have brought with them a feeling of apathy in many minds.

The following tables show the actual inoculation state:-

Year of Birth	Primary Inoculations.	Re-inforcing Inoculations.
1957	20	-
1956	178	-
1955	29	-
1954	14	1
1953	9	2
1952	7	66
1951	12	72
1950	4	10
1949	5	23
1948	5	24
1947	1	10
1946	2	10
1945	-	3
1944	1	2
1943	-	-
TOTAL:	287	223

The following table shows the number of children immunised:-

Year of Birth.	Last complete course of injections (Whether primary or booster) 1952-'56	1952 or earlier.
1943	179	97
1944	248	123
1945	214	100
1946	237	162
1947	319	100
1948	302	48
1949	284	63
1950	245	174
1951	190	148
1952	268	19
1953	299	-
1954	273	-
1955	215	-
1956	200	-
1957	20	-
TOTAL:	3493	1034

VACCINATION.

Below are given the total of vaccinations performed in 1957. A before, this service is available through the local practitioners ar the various welfare clinics:-

Year of Birth.	Primary Vaccination.	Re-Vaccination.
1957	129	-
1956	108	-
1955	7	-
1954	5	-
1953	4	4
1952	5	2
1951	4	-
1950	6	1
1949	3	2
1948	4	2
1947	3	2
1946	4	2
1945	2	-
1944	2	-
1943	1	-
Before 1943	12	33
TOTAL :	299	48

POLIOMYELITIS VACCINATION.

The following table gives the number of children resident in De who received a course of two injections against Poliomyelitis durin year 1957.

Year of Birth	No.
1947	158
1948	135
1949	121
1950	116
1951	41
1952	31
1953	24
1954	29
1955	-
1956	-
1957	1
TOTAL	656

NFECTIOUS DISEASES.

Herewith the statistics for 1957. The previous year's figures re also included for comparison:-

	Total Cases Notified		Removal to Hospital	
	1956	1957	1956	1957
Pneumonia	7	7	-	-
Whooping Cough	25	102	-	2
Measles	38	82	-	1
Scarlet Fever	9	34	-	-
Erysipelas..	-	3	-	-
Dysentery	15	211	-	6
Food Poisoning	2	12	-	-
Tuberculosis Pul.	10	19	-	-
Tuberculosis Non Pul.	4	2	-	-
Poliomyelitis Paralytic	-	6	-	6
Poliomyelitis Non Par.	-	3	-	3
Acute Encephalitis Infective ..	-	1	-	1
Malaria	-	1	-	1
TOTALS :	110	483	-	20

This table shows a large number of cases of Sonne dysentery. The irst case was notified on February 15th in a School child at Mongeham rimary School. Subsequent cases came in rapidly, and it was clear that large epidemic threatened. In view of the need for quick diagnosis, he department took over the investigation of all cases of diarrhoea nown about and in fact over 600 such cases were investigated. Of these, 72 were found positive Sonne dysentery. The local schools were asked to otify daily all cases of diarrhoea in children, and the local doctors ere similarly approached and their full co-operation obtained.

The department continued this method until 29th April, when the edical investigation of cases of diarrhoea was returned to the general ractitioners.

Of the total cases, an unnusually large proportion, by national tandards, was in school attenders, and investigations of school hygiene evealed several deficiencies. It became clear that the main method of pread was amongst school children and thence back to the home, and mprovement in school hygiene was coincident with a drop in the number f cases. This matter was taken up with the School medical Authorities nd their efforts helped to break the chain of spread. The co-operation f the local press in health education at this time was of great assisance. It was evident as investigations proceeded that person to person ontact with inadequate hand washing and toilet cleanliness was the ethod of spread, and the Department will need to pursue an educational rogramme directed to this object if further outbreaks are to be prevened.

Eight of the nine cases of poliomyelitis occured during an eight eek period in August to October, and four cases were in one family. In pite of careful investigation no common link was found.

CANCER.

The number of deaths from malignant disease in this area durin 1957 was :-

	Males	Females
Deal Borough	30	28

This gives a death rate within the Borough of 2.27 per 1,000 population.

During the year the Council co-operated with the County Counci a campaign to draw attention to the relation between tobacco smokin Cancer of the lung. Posters were exhibited.

PREVENTION OF BLINDNESS.

No cases of Ophthalmia Neonatorum were notified during the yea, and it was not necessary to take action under Section 66 of the Publ Health Act, 1936.

TUBERCULOSIS.

It was not necessary to take action under the Public Health (p tion of Tuberculosis) Regulations, 1952, relating to employees in t Milk Supply Trade, nor under Section 171 of the Public Health Act, 9 for the compulsory removal of tuberculosis patients to Hospital.

The following table shows the new cases and mortality relating t Tuberculosis during the year 1957.

Age Periods.	New Cases				Deaths		
	Pul.		Non Pul.		Pul.		Non P
	M	F	M	F	M	F	M
0-1	-	-	-	-	-	-	-
2-5	-	-	-	-	-	-	-
6-10	1	-	-	-	-	-	-
11-15	-	1	-	-	-	-	-
16-20	-	-	-	2	-	-	-
21-25	-	1	-	-	-	-	-
26-35	4	1	-	-	1	-	-
36-45	2	4	-	-	-	-	-
46-55	-	1	-	-	1	-	-
55 & Over	4	-	-	-	-	-	-
Totals:-	11	8	-	2	2	-	-

SCHOOLS:

The relationship between the School Medical Officer and the L General Practitioners is a very happy one and emphasises the value of this type of work.

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply:

Regular sampling of the Town Water Supply for chemical analys

r Supply (cont.)

eriological examination continues to give satisfactory results.

ity and Quantity.

The supply is constant and the standard of purity is very satisfact- The water is from deep boreholes into the chalk and is chlorinated he source. Great Mongeham is supplied by the East Kent District Company of Snodland. The following figures relate to Deal and er:-

l Storage Capacity	950,000 gallons.
ing capacity (Electric)	100,000 glns. per hr.
(Steam)	60.000 " " "
city delivered 1957	347,616,000 gallons.
ge daily consumption	952,300 gallons.
ge consumption per head per day	37.8 gallons.

eriological and Chemical Examinations.

Deal Undertaking		No. Taken.	No. Unsatisfactory.
Chemical	Raw	3	-
	Treated	3	-
Bacteriological ..	Raw	23	-
	Treated	23	-
East Kent District Water Co.			
Chemical	Raw	-	-
Chemical	Treated	-	-
Bacteriological	Raw	6	-
Bacteriological	Treated	7	-
Well Waters.			
Chemical	Treated	2	2
Bacteriological	Raw	12	12

al reports on main supplies are shown below:-

y's Public Health Laboratories.

Analysis of sample of water received 22nd January, 1957 from the gh of Deal, labelled Tap in yard, King St. Depot, Walmer.

Date 22nd. January, 1957. 0.8.30. hrs.

Taken by C. Phillips

Signed W. Mantle.

CHEMICAL RESULTS - PARTS PER MILLION

Appearance - Clear and bright.

Turbidity: - Nil.

Colour: - Nil.

Odour: - Nil.

Ph. - 7.3. Free Carbon Dioxide - 14.

Electricity Conductivity: 540. Total solids - 360

Chlorine present as Chloride. - 37 Alkalinity as Calcium Carbonate. - 205

Hardness· Total 260. Carbonate 205 Non-Carbonate 55

Nitric Nitrogen 6.8. Nitrous Nitrogen - absent.

Ammonical Nitrogen - 0.000. Oxygen Absorbed - 0.10.

Albuminoid Nitrogen - 0.000. Residual Chlorine - Nil.

Metals - Iron: 0.04, other metals absent.

BACTERIOLOGICAL RESULTS.

	1 day at 37°C	2 days at 37°C	3 days at 20°
Number of Colonies developing in Agar.	0 per mil.	0 per mil.	0 per mil.
	Present in	Absent from	Probable No.
Presumptive coli-aerogenes reaction.	-	100 ml	0 per 100 ml
Bact. Coli (type 1)	-	100 ml	0 per 100 ml
Cl. Welch: reaction	-	100 ml	-

This sample is clear and bright in appearance, neutral in reactio and free from metals, apart from a negligible trace of iron. The wate is hard in character but not to an excessive degree. It conforms to t highest standard of organic quality and is of very satisfactory bacter purity.

These are satisfactory results indicative of water which is pure and wholesome in character and suitable for public supply purposes.

31st January, 1957.

(signed) Gordon Miles
Public Health Laboratories,
County Hall,
MAIDSTONE.

Laboratory No. 11991

Reports on sample of water.

Sample received on 20th November, 1957.

Description of sample	Probable number per 100 ml of Coliform bacilli	Faecal Coli
Rising Main, Deal Waterworks	0	0

ports on sample of water (cont.)

mple received on 20th November, 1957. (cont.)

marks: Highly satisfactory.

(Signed) J.H.C. Walker.
Director.

umbo Solvent Action.

There has been no evidence of plumbo solvency in the main supplies.

tion in respect of any form of contamination.

There has been no contamination of the main water supply.

ns of supply.

99.9% of the houses in the area are supplied with main water.

INAGE AND SEWERAGE.

The drainage and sewerage of the Borough remains in principle as previous years. Further connections to the Gt. Mongeham sewer are ing place. Improvements at the North Deal Pumping Station are com- ted. Progress is being made with the laying of a new outfall from th Deal Pumping Station for direct discharge to the sea.

The following figures show the drainage work carried out by the lic Health Department in the district during 1956-57:-

	1956.	1957.
Visits	396	453
Blocked drains cleared	194	223
Drains constructed or repaired	19	31
Drains inspected or tested	46	50

One notice was served underSection 24 of the Public Health Act, 6 and emergency action was taken in one other case.

ERS AND STREAMS.

No action has been necessary in relation to pollution of water rses during the past year.

Anti-mosquito work in respect of dykes and ponds continued during year.

LIC CLEANSING.

The Public Cleansing Service operates under the supervision of the ough Surveyor.

(a) Collection.

Collection is undertaken by direct labour, modern covered motor vehicles are used for this purpose.

(b) Disposal.

The refuse is conveyed to the Council's Refuse tips, being disposed of by controlled tipping.

PUBLIC CLEANSING. (cont.)

(c) Gulley Cleansing.

A combined vacuum gulley emptier and flushing tank i owned and operated by the Corporation.

The Health Department approaches the public for provision of n Dustbins, and 51 new dustbins were obtained in 1957.

Two Formal Notices were served and complied with.

OFFENSIVE TRADES.

Three Rag and Bone Dealers establishments are approved by the Council within this area. Consents are renewed for periods of one No complaints have been received in respect of these businesses.

STEAM DISINFECTION.

The following figures show the use of the Steam Disinfector du 1957. Figures for 1956 are shown for comparison:-

	1956	195
Time used	16	1
Cases concerned	23	1
Bed Bugs	-	
Other vermin	-	
Infectious Diseases	12	
Other cases	11	
Total:	23	1
No. of Articles treated	193	18

In addition, the Department arranged and carried out the follo disinfections:-

	1956	195
Houses	10	1
No. of rooms	23	3
Hospital Wards	9	

FACTORIES ACT, 1937 and 1948.

i. Inspections for purposes of provisions as to health.

Premises.	No. on Reg.	Number of		
		Inspections.	Written Notices.	Occupiers Prosecuted
1. Factories in which Section 1-6 are to be enforced by Local Authority	4	1	1	-

(c

Inspections for purposes of provisions as to health.(cont.)

Premises.	No. on Reg.	Number of		
		Inspections.	Written Notices.	Occupiers Prosecuted.
Factories not included above in which Sect. 7 is enforced by the Local Authority.	86	63	3	-
Other premises in which Sect. 7 is enforced by the Local Auth, (excluding outworkers premises).	6	3	1	-
Total :	96	67	5	-

. Cases in which defects were found.

articulars.	No. of cases in which defects were found.				No. of cases in which prosecutions were instituted.
	Found	Remedied	Referred to H.M. Insptr.	By H.M. Insptr.	
nt of Cleanliness.	1	1	-	-	-
ercrowding.	-	-	-	-	-
asonable Temp.	-	-	-	-	-
adequate Vent.	1	-	-	-	-
effective drainage floors.	1	-	-	-	-
nitary Conveniences.					
) Insufficient.	1	-	-	-	-
) Unsuitable or def.	2	-	-	-	-
) Not separate for sexes.	-	-	-	-	-
her offences against e Act (not including fences relating to twork).	3	2	-	-	-
tal:	9	3	-	-	-

i. Means of escape in case of Fire:

3 Certificates of means of escape in case of fire were issued ring 1957. The whole position is being reviewed and inspections are king place for that purpose.

HOUSING:

The following tables show the work carried out during this year The figures for 1956 are reproduced for comparison.

Official representation was made by the Medical Officer of Heal in connection with three houses forming the Castalia Cottages cleare area.

Inspection of dwelling houses during the year.

		1956	1957
1. (a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	149	360
(b)	Number of inspections made for that purpose	652	1031
2. (a)	Number of dwelling houses (including under Sub-section (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	-	256
(b)	Number of inspections made for that purpose	-	256
3.	Number of dwelling houses found to be in a state so injurious to health as to be unfit for human habitation	18	10
4.	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	113	157

Remedy of Defects during the year without service of Formal Notice.

	Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	97	159

Action under Statutory Powers during the year.

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

(a)	Number of dwelling houses in respect of which notices were served requiring repairs	2
(b)	Number of dwelling houses which were rendered fit after service of formal notices	
	(1) by owners	-
	(2) by Local Authority in default of owners	-

B. Proceedings under Public Health Acts

(a)	Number of dwelling houses in respect of which Notices were served requiring defects to be remedied	22	1

Proceedings under Public Health Acts.(cont.)	1956	1957
(b) Number of dwelling houses in which defects were remedied after service of a formal notice.		
(1) by Owners	24	11
(2) by Local Authority in default of Owners..	-	-
Proceedings under Section 11 and 13 of the Housing Act, 1936.		
(a) Number of dwelling houses in respect of which demolition orders were made	-	-
(b) Number of dwelling houses demolished in pursuance of demolition orders	-	-
(c) Number of dwelling houses in respect of which an undertaking was accepted as to the future user	3	7
(d) Number of dwelling houses in respect of which an undertaking was cancelled, the dwelling having been rendered fit	-	2
(e) Number of dwellings demolished as a result of informal procedure	-	-
Proceedings under Section 12 of the Housing Act, 1936.		
(a) Number of separate tenements or underground rooms in respect of which closing orders were made	2	2
(b) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenements or rooms having been rendered fit	-	1
Proceedings under part IV (Overcrowding) of the Housing Act 1936.		
(a) (1) Number of dwelling houses overcrowded at the end of the year	NOT KNOWN	NOT KNOWN
(11) Number of families dwelling therein ..	" "	" "
(111) Number of persons dwelling therein	" "	" "
(b) Number of new cases of overcrowding reported during the year	4	1
(c) (1) Number of cases of overcrowding relieved during the year	2	3
(11) Number of persons concerned in such cases	15	27½
(d) Particulars of any case in which dwelling houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding	Nil	Nil

HOUSING (cont.)

F. Housing Act, 1957.

	1956
(a) Number of houses inspected of which notices were served under Section 36	1
(b) Number of houses inspected of which notices were served under Section 90	1

G. Rent Act, 1957.

(a) Number of applications received under Para.4 (1) First Schedule	1
(b) Number of Certificates granted under Para.4 (1) First Schedule	1
(c) Number of Disrepair Certificates cancelled	-

A selection of Housing Defects Remedied.

Lighting Improved	2
Roofs repaired or renewed	48
Walls (External) repointed etc.	29
Wall plaster repaired	45
Floors repaired/renewed	24
Ceiling plaster repaired	26
Windows repaired/renewed	47
Coppers provided/repaired	1
Fireplaces repaired/renewed	9
Cooking ranges repaired/renewed	2
Sinks or wash houses provided	3
Sinks repaired/renewed	4
Waste pipes repaired/renewed	5
Repairs to water supplies	6
Downspouting repaired/renewed	9
Guttering repaired/renewed	27
Food Stores provided/repaired	5
Sash Cords provided	23
Handrails fixed on stairs	2
Stairs repaired/renewed	4
Doors repaired/renewed	24
Woodwork repainted	-
Chimneys and stacks repaired	14
Yards, passages paved/repaired	4
Dampness abated	33
Additional ventilation	4
Rooms cleansed and redecorated	1
Waterclosets provided	3
Waterclosets renewed	10
Watercloset compartments repaired	13
Watercloset cisterns repaired/renewed	11
Waterclosets provided with water	1
Box seats abolished	3
Pailclosets abolished	1

e of Works of Public Health Inspectors.

remises Etc.	INSPECTIONS.		REVISITS.		1956	1957
	On request	Others	On request	Others	Total	Total
sing Inspection	96	270	342	326	652	1034
using Investg.	9	-	2	-	76	11
r Supply.	6	2	1	6	1	15
nage.	207	69	55	122	396	453
pools.	3	1	1	2	-	7
al Keeping.	4	9	3	4	12	20
nsive Trades.	-	8	1	4	9	13
s,Vans,Sheds Etc.	2	16	9	8	11	35
ories with Power.	7	31	2	23	17	63
ories without Power.	-	1	-	-	1	1
ories (Others).	-	3	-	-	4	3
places.	1	-	-	4	5	5
ic Conveniences	14	12	4	4	2	34
tres.	6	1	-	2	4	9
nsed Premises.	8	39	1	17	12	65
ision of Dustbins.	17	8	8	12	7	45
nsive Accumulation.	18	17	2	16	13	53
nt land and dumps.	32	7	9	19	24	67
on Cts. & Passages.	18	2	5	21	12	46
se Tips.	2	4	-	4	19	10
and Mice.	25	44	12	50	50	131
e Nuisances.	14	5	30	18	30	67
ols.	1	-	-	-	-	1
inous Premises.	41	29	11	5	111	86
inous Persons.	3	-	5	-	6	8
hy Premises.	11	6	28	22	29	67
rly Persons.	8	3	34	6	7	51
ctious Diseases.	1	635	-	21	48	657
Poisoning.	1	31	4	10	11	46
ghterhouses.	-	51	-	-	72	51
rs and Streams.	1	1	1	-	-	3
uitoes.	-	5	-	-	4	5
Shops and stores.	2	98	3	14	33	117
mongers and Poults.	2	12	-	4	5	18
ers Etc.	4	142	3	35	32	184
ngrocers & Fruitr.	-	28	-	4	5	32
heds.	1	-	1	-	-	2
ies & Milkshops.	3	38	3	10	71	54
d Fish Shops.	1	11	-	1	-	13
Cream Premises.	3	26	1	7	53	37
erved Food Premises.	-	9	-	1	8	10
ls, Barrows Etc.	1	23	-	-	43	24
hens.	2	49	7	17	38	75
r Shops,(Shops Act.).	1	27	3	2	26	33
Shops.	-	11	-	-	14	11
Flock Premises.	-	3	-	1	-	4
houses.	1	11	-	4	5	16
ts re. unsound food.	97	39	6	-	126	142
ling Visits.	-	112	-	3	-	115
Asst. Burials.	-	-	-	-	5	-
h.	-	4	-	-	2	4
Hygiene Lectures.	-	13	-	-	10	13
ellaneous Visits.	76	111	15	15	148	217
rviews.	75	111	-	-	152	186
ding.	1	100	3	-	25	104
ding Houses.	-	-	-	-	-	-
l Boiling Etc.	-	9	-	4	-	13
ons.	1	-	-	-	-	1
of Complaints.	-	-	-	-	921	950
ls:- (Excluding Housing Complaints).	731	2027	273	522	1797	3553

Total Visits & Inspections.

	1956	1957
Housing	652	1034
Other	1797	3553
Rodent Operator	1714	1472
	4163	6059

RODENT CONTROL.

A. Routine Work.

The following table shows routine surface work during 1957.

	Rats.	Mice.	Total.
Premises under treatment at end of 1956	12	11	23
New infestations treated during 1957	67	195	262
Premises cleared of infestations during 1957	77	184	261
Premises under treatment at end of 1957	2	22	24
Total visits by Rodent Operator			1472

B. Sewer Treatment.

The following figures show the number of manholes found to be infested with rats during 1957 Sewer Treatment:-

Area.	No. of Manholes in Area.	No. of Manholes found to be infested.	
		1957 April.	1957 Octobe
Lower Deal (1)	81	11	4
Lower Deal (2)	83	10	-
Middle Deal.	90	-	-
Mill Hill.	111	-	-
Lower Walmer.	87	2	2
UpperWalmer.	92	-	-
Mongeham	61	-	-
	605	23	6

The sewer infestation is at its lowest ever and this appears to be due to the use of Warfarin.

PORT SANITARY WORK.

No duties have arisen under this heading during the year under review.

ULTURE. (Safety, Health and Welfare Provisions) Act, 1956.

The Senior Public Health Inspector is appointed to act as authd officer under this act.

ACT, 1952.

The Senior Public Health Inspector is appointed Shops Inspector this Act.

Thirty three visits were made during the year and advice was given the requirements of the Act in relation to early Closing Day and of opening.

BLE DWELLINGS.

mping Sites.

(1) The Hawkshill Seaside Camp for London Boys continues to te under a Licence issued under Section 269 of the Public Health Act Sanitary improvements continue to be made at this camp.

dividual Dwellings.

Three Licences were issued to erect or station and use trailer ans within the area. Deal was visited at intervals by Gypsies who their site in good order.

NOUS AND FILTHY HOUSES AND PERSONS.

nous Premises.

The following figures show the number of disinfestations carried uring the year:-

	Council Houses	Non Council Houses	Other Premises.
roaches.			
1st Treatment	2	10	1
Subsequent Treatments ..	5	15	8
bugs.			
1st Treatment	-	1	-
Subsequent Treatments ..	-	1	-
Vermin.			
(including flies, ants, wasps, mosquitoes, earwigs and furniture beetle etc.)	15	45	6
Total:	22	72	15

Total number of treatments was 109 compared with 105 in 1956.

ty Houses.

Sixty-seven visits and re-visits were made to various dirty houses ng the year. Two Formal Notices were served under Section 83 Public th Act, 1936, and improvements were obtained.

DEALERS IN OLD METAL.

Five premises are registered under Section 86 of the Public Health Act, (Amendment) Act, 1907.

RAG FLOCK AND OTHER FILLING MATERIAL ACT, 1951.

Five premises remain on the register.

PET ANIMALS ACT, 1951.

Co-operation continues in the administration of the Act, with the Local Officer of the Royal Society for the Prevention of Cruelty to Animals. Seven premises were licenced as Pet Shops during the year.

ATMOSPHERIC POLLUTION.

Sixtyseven visits and re-visits were made in relation to complaint of nuisances arising from smoke and fumes.

MILK SUPPLY.

Fifty-four inspections were made during 1957 at Dairies and Milk Shops in the area. There are twenty-five local premises registered for distribution of milk and three distributors have premises outside the a There are two dairies within the district.

Only designated milks may be sold in the area which is now specifi for that purpose.

The following Licences under the (Special Designated) Regulations were in force during 1957:-

Tuberculin Tested Dealers Licence 20

Tuberculin Tested Supplementary Licence 1

Pasteurised Dealers Licence 22

Pasteurised Supplementary Licence 1

The following samples of milk were taken during the year:-

	Number.	Unsatisfactory.
Pasteurised	23	-
Tuberculin Tested (Pasteurised)	12	2 (Indicati Thermomet Defective

A check sample of washed milk bottles showed a satisfactory mean count of 58.5 organisms.

ICE CREAM.

Two further premises were registered for the sale of Ice Cream in 1957. There are now 123 Premises registered for the sale and 8 for the manufacture of ice cream.

Forty-three samples of Ice Cream were submitted to the County Pathologist with the following results:-

REAM (cont.)

lene Blue Test.

Grade I	27)	Satisfactory.
Grade II	13)	
Grade III	2)	Unsatisfactory.
Grade IV	1)	

RVED FOOD PREMISES.

Two businesses were registered for manufacture of preserved food g the year. There are now 35 premises on the register.

PREMISES.

645 visits and re-visits were made to food premises, and the wing table shows the improvements secured during the year.

	1956	1957
Walls repaired	3	4
Ceilings repaired	2	6
Floor repaired	-	3
Windows repaired	1	1
Doors repaired	-	-
Cleansed/Redecorated	13	22
Ventilation provided	1	1
Refuse removed	2	9
Sinks provided/repaired	-	14
First Aid Kit provided	3	7
Fixed Washbasin prov/rep.	17	32
Soap, Towel, Nailbrush etc. provided	5	6
Cold water provided	1	2
Hot water provided	8	40
Equipment cleansed	2	2
Cold storage provided	1	1
Use of room prohibited	4	-
Sanitary accomodation re-arranged	3	3
Lighting improved	-	5
Staff room or lockers provided	3	3
Vehicles etc.		
Vans etc., cleansed	8	2
Lighting provided	-	-
Vans etc. provided with hot water	19	-
Soap, Towel, etc. provided	10	-
Sinks etc. provided	1	-
Name & Address exhibited	3	2
Use prohibited	-	1
Overalls provided (Meat)	-	1

Wash up water samples taken during the year indicated a serious re of some caterers to achieve adequate cleanliness of crockery.

Food premises are being inspected under the Food Hygiene Regulations re being classified as follows.

A. Complying fully with Regulations.
B. Require improvement to qualify for "A".
C. Require close supervision for cleanliness.

FOOD PREMISES. (cont.).

The position at the end of 1957 was:-

A. 129
B. 101
C. 17

DISEASES OF ANIMALS (WASTE FOOD) ORDER 1957.

Seven licences were issued authorising the use of equipment for boiling waste food.

SLAUGHTER OF ANIMALS.

Three licences were issued during the year to slaughter or stun animals in a slaughterhouse or knackers yard.

SLAUGHTERHOUSES.

Only one Slaughterhouse is licensed in the District. The followi table shows details of the number of animals slaughtered in 1957.

	Cattle excluding Cows.	Cows	Calves	Sheep & Lambs.	Pi
No. killed.	3	Nil	14	50	9
No. Inspected.	3	-	14	50	9
All diseases except T.B. Whole carcases condemned.	Nil	Nil	Nil	Nil	Ni
Carcase of which some part or organ was condemned.	1	Nil	Nil	1	
% of the Number inspected affected with disease other than T.B.	Nil	Nil	Nil	2%	1
Tuberculosis only Whole carcases condemned.	Nil	Nil	Nil	Nil	Ni
Carcase of which some part or organ was condemned.	1	Nil	Nil	Nil	Ni
% of the number inspected affected with T.B.	33.3%	Nil	Nil	Nil	Ni

D FOOD.

he following foodstuffs were condemned during 1957.

Shops.

Tinned Goods.	Cwt.	lbs.	ozs.
ruit	2	13	1¾
ice	-	1	14½
auce & Pickles	-	43	15
egetables	-	105	9
ilk	-	46	0
ish	-	11	9½
eat	4	38	9
aste	-	2	3
reserves	1	1	13
oups	-	5	0
udding	-	1	8
Other Goods.			
ork Pie	-	1	-
utter	-	1	9½
oup Powder	-	-	2
hellfish	-	72	-
ish	-	28	-
ried Fruit	-	2	-
ausages	-	48	-
ffal	-	61	-
eat	7	82	8
lour	-	6	-
weets	-	96	12
udding Mix	-	6	12
am	-	26	14
ea	-	-	4
age	-	21	-
argarine	-	34	8
ookeen	-	1	8
ocoa	-	-	12
iscuits	-	16	13
heese	2	101	6
ake	-	2	8
acon	-	91	8
offee	-	-	8

Slaughterhouse.

Pigs Liver (Necrosis)	-	1	8
Pairs pigs lungs (Verminous Pneumonia)	-	3	0
Ox Mesentery (Tuberculosis)	-	3	0
Pair Sheep Lung (Worm Cysts)	-	1	8
Total:-	1 ton 4cwt	86lbs	15½ozs

llowing were also condemned.

ggs	65 dozen
risps	5 packets
avaloy	5
eel	47 packets
alt	1 packet
ibbetts	1 packet

Details of samples taken by the County Sampling Officers within the BOROUGH OF DEAL during the year ended 31st December, 1957.

Article	No.	Article
Aspirin	1	B/fd.
Blackcurrant Jam	2	Linseed, Liquorice and Chlor
Bread and Butter	3	Lozenges .. ..
Broma-Rex	1	Lytos Bread .. ..
Butter	1	Margarine .. ..
Buttercream Sponge	1	Meat Pies .. ..
Cherry Cake	1	Milk .. ..
Chocolate Cherry Liqueurs ..	1	Milk Chocolate .. .. ..
Chocolate Liqueur Bottles ..	1	Milk Chocolate Puff Candy
Collozets	1	Mushroom Soup .. .. ..
Corned Beef	1	Noodle Soupmix .. .. ..
Dequadin Lozenges	1	Peeled Shrimps .. .. ..
Egg Custard	1	Pork Brawn .. ..
Feen-a-mint	1	Pork Pie .. ..
Fro-lik Ice Lollie	1	Processed Cheese Spread ..
Fruit Lollie	1	Real Orange Juice Lollie ..
Gin	2	Rock .. ..
Golden Tan	1	Sausage Rolls .. .. ..
Haliborange	1	Skol Sun Lotion .. .. ..
Honey, Glycerine and Lemon ..		Smoked Salmon .. .. ..
Pastilles	1	Sombrero Suntan Cream ..
Horseradish Sauce	1	Spearmint Rock .. .. ..
Ice Cream..	2	Steak Pie .. ..
Ice Lollie	1	Tunes .. ..
Jersey Cream	1	Veal and Ham Pie .. .. ..
Lard	1	Whisky .. ..
C/fd.	30	Total:

Summary

Milk	36
Drugs..	12
Spirits	4
Other samples..	40
	92

All the above samples were genuine with the exception of the following:-

Sample of	Analysis	Action taken
Chocolate Liqueur Bottles.	Proof spirit 10% to 13.7%; should be 30%.	Manufacturers notif Further samples sat factory.
Chocolate Cherry Liqueurs.	Proof spirit 10%; should be 30%.	
Fruit Lollie.	Insufficient fruit juice to justify description.	Maker warned. Furth sample satisfactory
Rock. Rock.	Coloured with a substance not permitted.	Makers notified.
Blackcurrant Jam.	Fruit content 19%; should be 25%.	Makers notified.

SLATION IN FORCE IN THE BOROUGH OF DEAL DURING 1956.

The department is concerned with administration of the following r Acts and Byelaws:-

Public Health Act (Amendment) Act 1907.
Slaughter of Animals Act, 1933.
Public Health Act, 1936.
Housing Acts, 1957.
Housing, Rent & Repairs Act, 1954.
Public Health (Drainage of Trade Premises) Act, 1937.
Factories Act, 1937 and 1948.
Food and Drugs Act, 1955 and Regulations thereunder.
Water Act, 1945.
Prevention of Damage by Pests Act, 1949.
Shops Act, 1950.
Food & Drugs (Milk, Dairies, Artificial Cream) Act 1950.
Pet Animals Act, 1951.
Rag Flock and other Filling Materials Act, 1951.
Local Government (miscellaneous Provisions Act) 1953.
Slaughter of Animals (A) Act 1954.
Agriculture (Safety,Health & Welfare Provisions) Act 1956.
National Assistance Act, 1947.
Clean Air Act, 1956.

aws with respect:-

Means of Escape in case of Fire.
Common Lodging Houses.
Good Rule and Government.
Vans, Tents and Sheds.
Slaughterhouses.
Nuisances.
Offensive Trades.
Handling,Wrapping and Delivery of Food and Sale of food in open air.
Emission of Black Smoke.

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE
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